

11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209 501-455-3233 Fax 501-455-6118

16 May 2011

Jim Fleer Oxford Environmental & Safety, Inc 14348 Nieman Rd. Overland Park, KS 66221

RE: Arkwood Monthly Sampling

SDG Number: 1105150

Enclosed are the results of analyses for samples received by the laboratory on 10-May-11 11:21. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	~
Containers Correct	~
COC/Labels Agree	<u> </u>
Preservation Confirmed	<u> </u>
Received On Ice	
Temperature on Receipt	4.0°C

Sincerely,

Norma James President

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Jim Fleer Oxford Environmental & Safety, Inc 14348 Nieman Rd.

Overland Park, KS 66221

Project: Arkwood Monthly Sampling

Date Received: 10-May-11 11:21



Lab Number: 1105150-01
Sample Name: Mouth
Date/Time Collected: 5/9/11 12:15
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	Qualifier(s)	Date/Time Analyzed	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	43.8		5/14/11 11:48	A105156	8270D
2,4,6-Tribromophenol [surr]	%	71.6		5/14/11 11:48	A105156	8270D
2-Fluorophenol [surr]	%	35.8		5/14/11 11:48	A105156	8270D
Phenol-d5 [surr]	%	25.3		5/14/11 11:48	A105156	8270D

ANALYTICAL RESULTS

Lab Number: 1105150-02
Sample Name: Weir
Date/Time Collected: 5/9/11 12:00
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	Qualifier(s)	Date/Time Analyzed	<u>Batch</u>	Method
Pentachlorophenol	ug/L	< 5.00		5/14/11 12:33	A105156	8270D
2,4,6-Tribromophenol [surr]	%	63.5		5/14/11 12:33	A105156	8270D
2-Fluorophenol [surr]	%	31.4		5/14/11 12:33	A105156	8270D
Phenol-d5 [surr]	%	21.8		5/14/11 12:33	A105156	8270D

Arkansas Analytical

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QUALITY CONTROL RESULTS

Semivolatiles - Quality Control Analyzed: 13-May-11 12:53 By: TB

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch A105156 - 3550B: Modified										
Blank (A105156-BLK1)				Prepared:	11-May-11	Analyzed:	13-May-11			
Pentachlorophenol	ND	5.00	ug/L							
Surrogate: 2,4,6-Tribromophenol	29.5		"	40.0		73.7	39.2-127			
Surrogate: 2-Fluorophenol	18.2		"	40.0		45.4	10.7-76.6			
Surrogate: Phenol-d5	14.6		"	40.0		36.6	13-62.4			
LCS (A105156-BS1)				Prepared:	11-May-11	Analyzed:	13-May-11			
Pentachlorophenol	30.0	10.0	ug/L	40.0		75.0	65.4-117			
Surrogate: 2,4,6-Tribromophenol	37.0		"	40.0		92.6	39.2-127			
Surrogate: 2-Fluorophenol	23.5		"	40.0		58.8	10.7-76.6			
Surrogate: Phenol-d5	21.1		"	40.0		52.8	13-62.4			
Matrix Spike (A105156-MS1)	Sour	ce: 11051	31-01	Prepared:	11-May-11	Analyzed:	13-May-11			
Pentachlorophenol	29.5	10.0	ug/L	40.0	ND	73.7	49.6-126			
Surrogate: 2,4,6-Tribromophenol	35.2		"	40.0		87.9	39.2-127			
Surrogate: 2-Fluorophenol	22.5		"	40.0		56.3	10.7-76.6			
Surrogate: Phenol-d5	19.9		"	40.0		49.7	13-62.4			
Matrix Spike Dup (A105156-MSD1)	Sour	ce: 11051	31-01	Prepared:	11-May-11	Analyzed:	13-May-11			
Pentachlorophenol	35.0	10.0	ug/L	40.0	ND	87.6	49.6-126	17.2	30	
Surrogate: 2,4,6-Tribromophenol	36.7		"	40.0		91.7	39.2-127			
Surrogate: 2-Fluorophenol	23.8		"	40.0		59.5	10.7-76.6			
Surrogate: Phenol-d5	20.8		"	40.0		52.1	13-62.4			

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition. Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

Norma James President Arkansas Analytical

Arkansas Analytical Inc.

11701 Interstate 30, Bldg. 1, Ste. 115 Little Rock, AR 72209

PHONE: 501-455-3233 FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

		FAX	- 501	100															
CLIENT INFOR	MATION						Project Desc	Tumaround Time	Preservation Codes:										
Oxford Environ	xford Environmental & Safety, Inc.						Arkwood Monthl	24 Hour	I. Cool	, 4 Degr	ees Centi	ntigrade 4. Thiosalfate for Dec				for Dechi	risation		
14348 Nieman Rd.									48 Hour	2. Sulfi	iric Acid	d (H ₂ SO ₄)),), pH < 2 S. Hydrochloric Acid(HC				C1)		
Overland Park	KS 66221					Reporting Information			72 Hour	3. Nitri	c Acid (I	HNO;), p	pH < 2 6. Sodium Hydroxide (NaO				OH), pH > 12		
						Г	Telephone: 913	706-3422	Routine (5 Day)	5		TES	ST PARAMETERS					Buttle Type Cod	
Attn: Jim Fleer	Attn: Jim Fleer							rdeands.com	Preservative Code:	1									G = Glass; P = Pla
									Bottle Type:	GA									V = Septure; A = Ar
Sampler(s) Signature Sampler(s) Print																			Arkansas Analytical W Order Numb
Field	SAMPLE C	OLLECTION			Numbe			SAMPLE		Pentachlorophenol (8270D)									w 2
Number	Date/s	Time/s	Grab	Comp	of Bottles	Sample Matrix	IDENTIF	CATION/ DESC	RIPTION	Per (82									1105150
	51912011	12:15	X		1	Water	Mouth			х									01
	5/9/2011	12:00	x													T			02
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1. Relinquished by	y: (Signature)	Date/Time		2. Red	ceived	by: (S	ignature)	SAMPLE C	ONDITION UPON I	RECEIP	T IN LA	В		RI	EMAR	KS / SA	MPLE	COMM	ENTS
	·			-						0/				100.0				äi.	II Was
Dr. 91	1).	5/9/2011		1	NE	25		1. CUSTODY SE	ALS:		s	_N0	M/S/M	190 00	mected	d from:		IM/O	th Weir
Alm U	/nu	15100			M)		2. CONTAINERS	CORRECT:	Ye	s	No	102 k	ower:	->0%	0	pl	1 6	٥.٥ ها.
		1,5						3. COC/LABELS	AGREE:	Ye	s	_No	036	one?	3.13	%	Te	up 13	.6 6.0 .31 14.0 .33 197:
3. Relinquished by	y: (Signature)	Date/Time		4. Res	celved	by lab: (Signature) 4. PRESERVATION CONFIR			ON CONFIRMED:	Ye	s	No	020	esiduu	1=1.3	5200	7 -	0 4	33 197
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MYS)	lint		T	100	1	/	6. TEMPERATUR	E ON RECEIPT:	70			-				+		
		112		1	/ <	5. RECEIVED ON ICE: 6. TEMPERATURE ON RECEIPT: FOR COMPLETION BY I					LY						1		

Overland Park, KS 66221 Project: Arkwood Monthly Sampling

Date Received: 10-May-11 11:21

CHAIN OF CUSTODY FORM(S)

12/1/10

Oxford Environmental & Safety, Inc

14348 Nieman Rd.